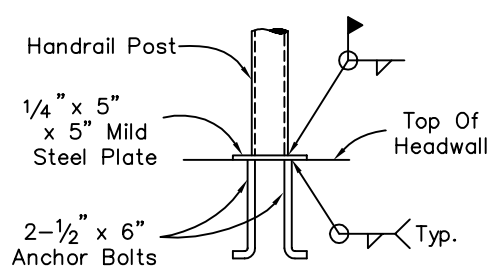
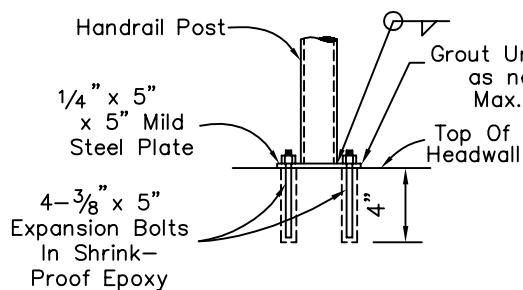


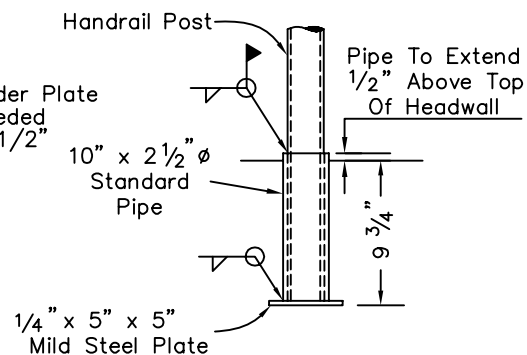
ELEVATION



TYPE 1
ANCHOR PLATE DETAIL



TYPE 2
EXPANSION BOLT DETAIL



TYPE 3
PIPE SLEEVE DETAIL

CONSTRUCTION NOTES

1. Paint handrail per MAG Specifications Section 530. Color per plans.
2. Vertical posts to be evenly spaced.

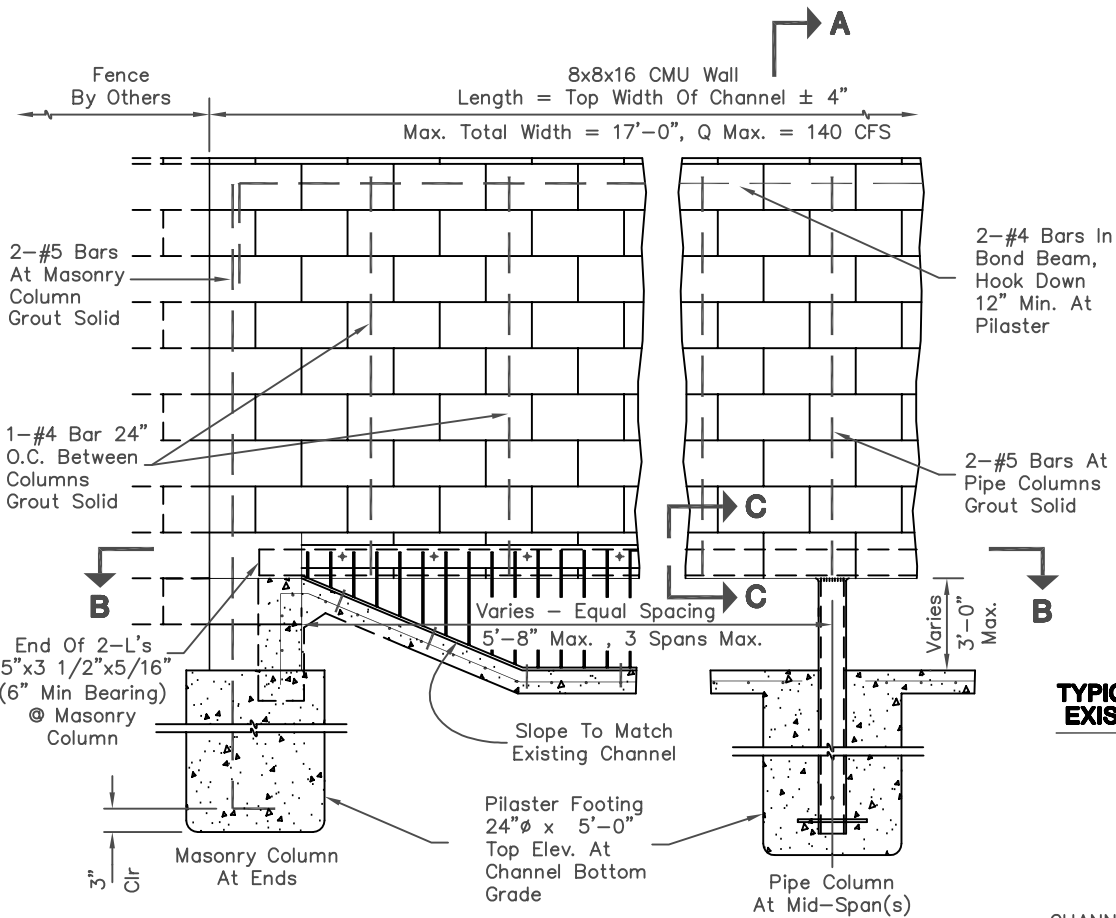
DETAIL NO.
2508

City of Scottsdale
Standard Details

HANDRAIL DETAIL

DETAIL NO.
2508

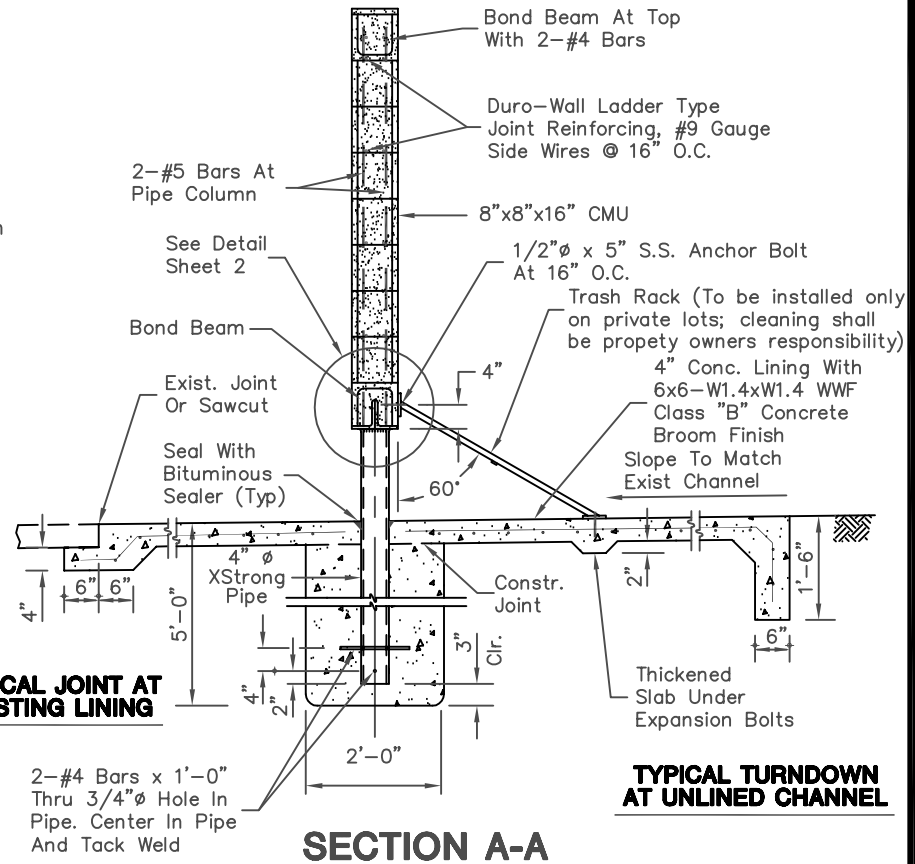
REVISED 2/27/01



ELEVATION

WALL NOTES:

1. Wall Height, Finish Texture And Color to Match Adjacent Property Wall.
2. Construction To Conform to MAG Section 510.
3. Trash Rack Grate Required on Private Lots only; And Property Owner Shall Be Responsible for Cleaning.



CHANNEL NOTES:

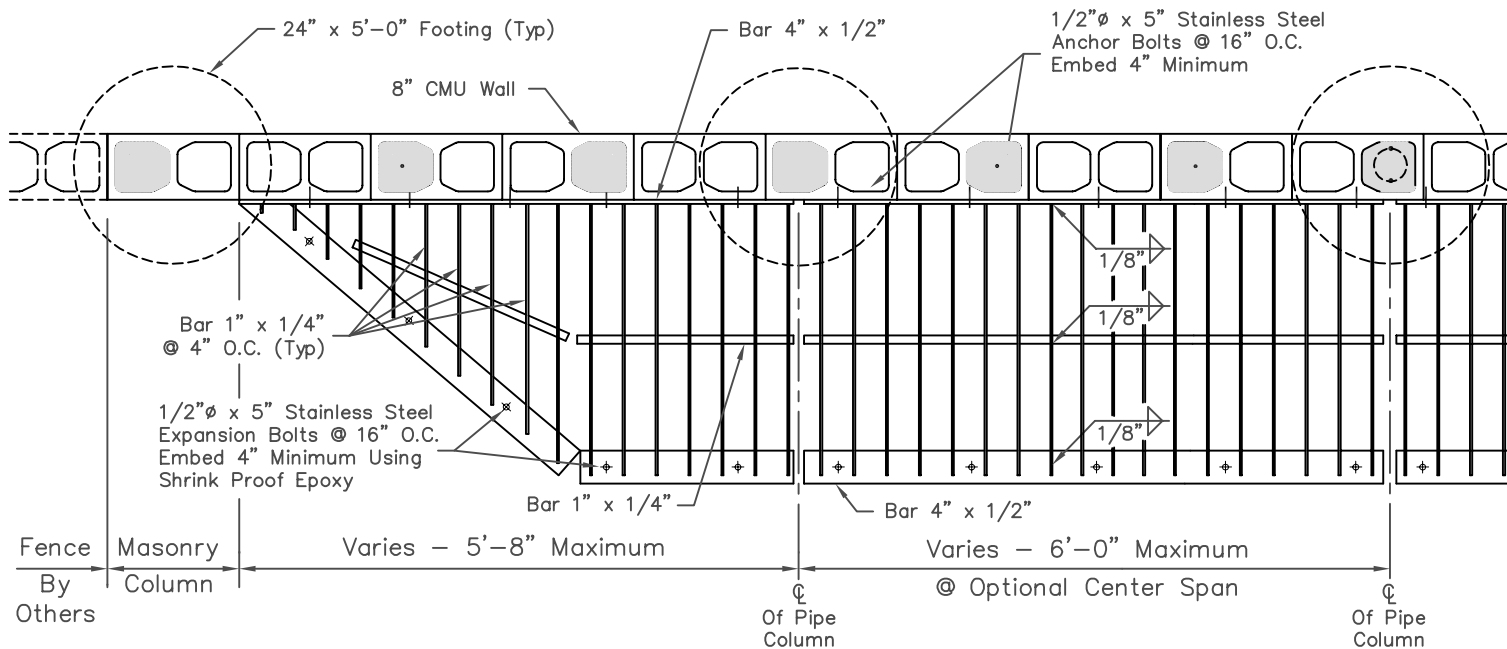
UNLINED CHANNELS: Construct New Lining 6' Minimum Upstream And Downstream From Wall With Turndown At All Edges Of Lining.

EXISTING LINED CHANNELS: Remove Existing Lining 4' Minimum Upstream And Downstream From Wall. Replace Using Joint Shown.

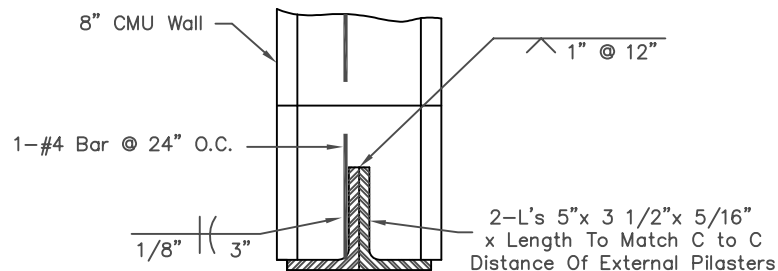
DETAIL NO.
2515-1 City of Scottsdale
Standard Details

WALL OPENING & EROSION PROTECTION - TYPE 1

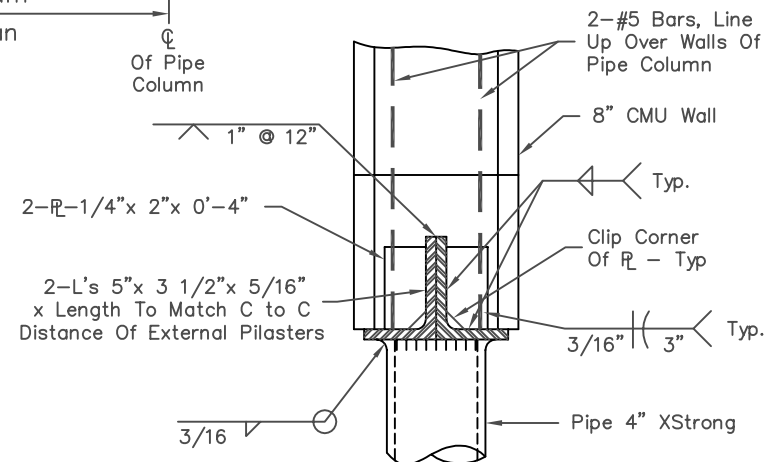
SHEET 1 OF 2
DETAIL NO.
2515-1



SECTION B-B



SECTION C-C



DETAIL AT PIPE COLUMN

GRATE NOTES:

1. Steel Work Shall Conform To Mag Sections 515 And 770.
2. Shop Drawings Are Not Required. Contractor Shall Be Responsible For Correct Fit Between The Trash Rack, Channel And Wall As Constructed In The Field.
3. Shop Prime Steel And Touch-Up Per MAG Section 515.5. Apply A Second Coat After Erection And A Finish Coat Of Alkyd Enamel To Match Wall Finish Color.
4. Grate Required on Private Lots Only. Property Owner Responsible for Cleaning.

DETAIL NO. **2515-2** City of Scottsdale
Standard Details

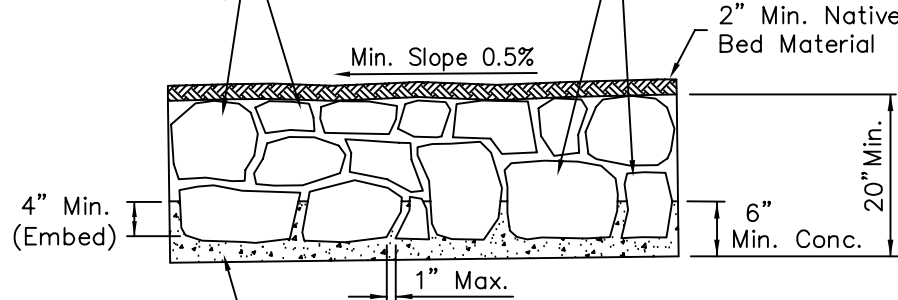
DRAINAGE GRATE AT BLOCK WALL

SHEET 2 OF 2
DETAIL NO. **2515-2**

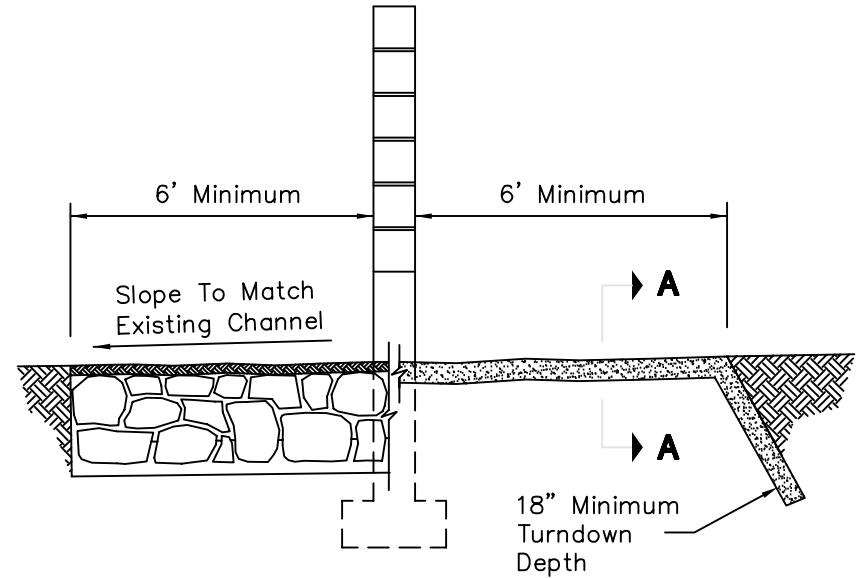
Top Stone:
Loose Naturally Placed
Native Stone. $D_{50} = 8"$
(Size: 3" Min. - 12" Max.)

Note: Stone shall
be fractured with
angular faces; no
river run

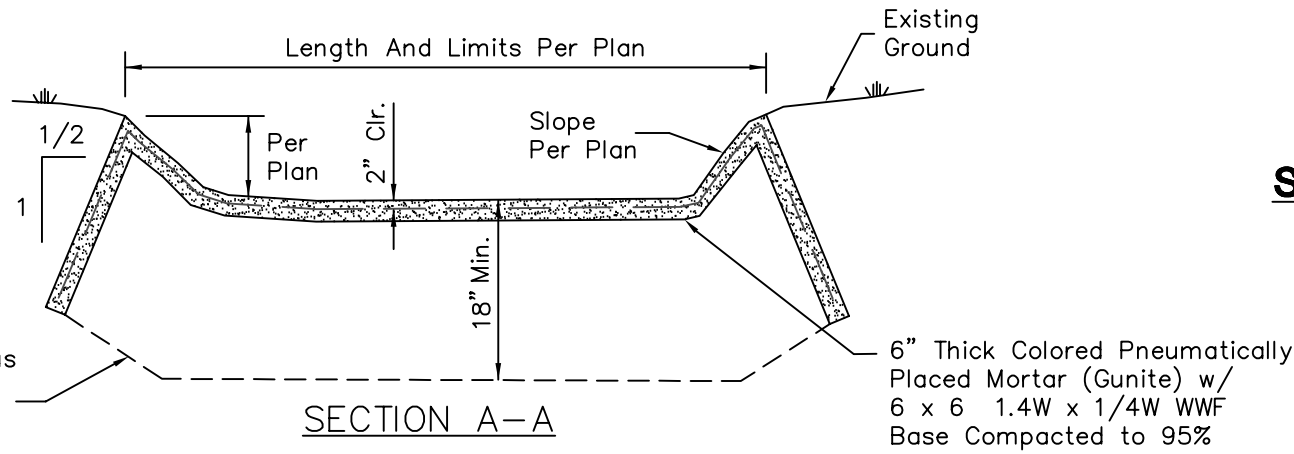
Bed Stone:
Hand Placed Native Stone
 $D_{50} = 15"$ (Size: 12" Min. -
18" Max.)



TYPE 1 - BURIED GROUTED RIP-RAP DETAIL



SECTION AT WALL



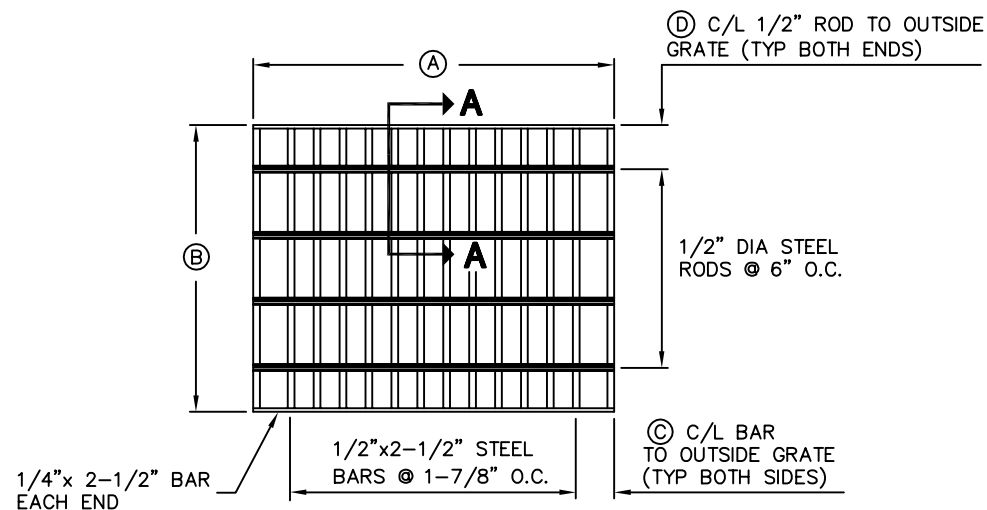
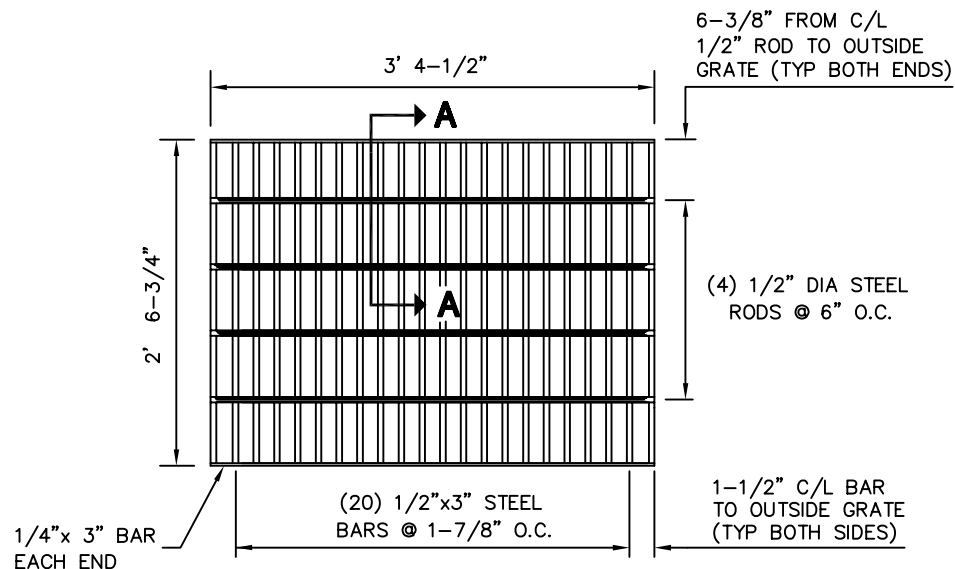
TYPE 2- PNEUMATICALLY PLACED MOTAR DETAIL

DETAIL NO.
2515-3 City of Scottsdale
Standard Details

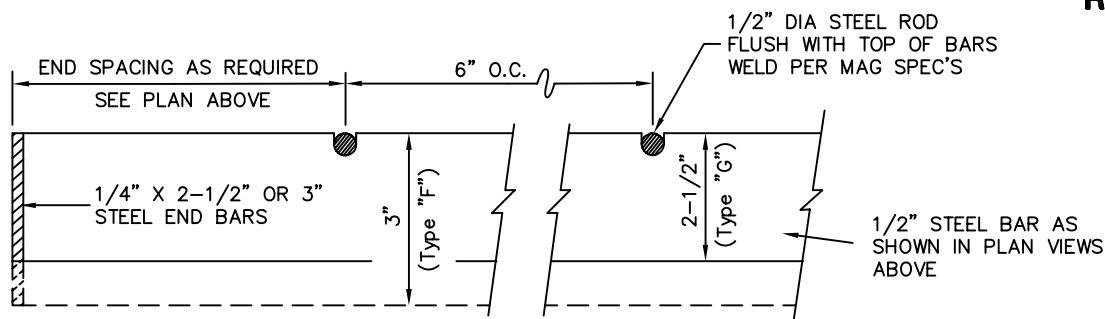
WALL OPENING EROSION PROTECTION

DETAIL NO.
2515-3

REVISED 6/19/95



GRATE FOR TYPE 'F' CATCH BASIN
REPLACES GRATE SHOWN IN MAG DETAIL NO 535



SECTION A-A

GRATE FOR TYPE 'G' CATCH BASIN
REPLACES GRATE SHOWN IN MAG DETAIL 537

NOTES:

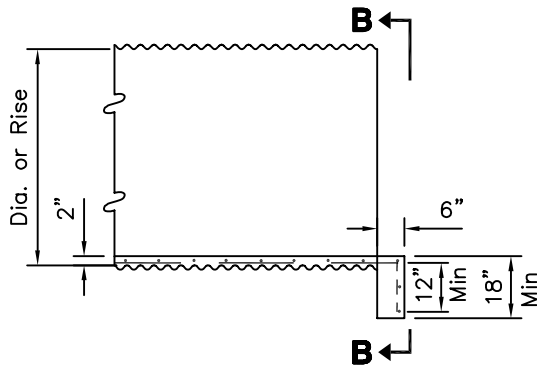
1. ALL MATERIALS AND FABRICATION
TO BE AS SPECIFIED IN MAG
STANDARD DETAIL NO. 540-2

TYPE "G" GRATE DIMENSIONS		
	SINGLE GRATE	DOUBLE GRATE
Ⓐ	2'-2"	4'-3 1/2"
Ⓑ	2'-2"	2'-2"
Ⓒ	2-11/16"	2-5/16"
Ⓓ	0'-4"	0'-3 3/4"

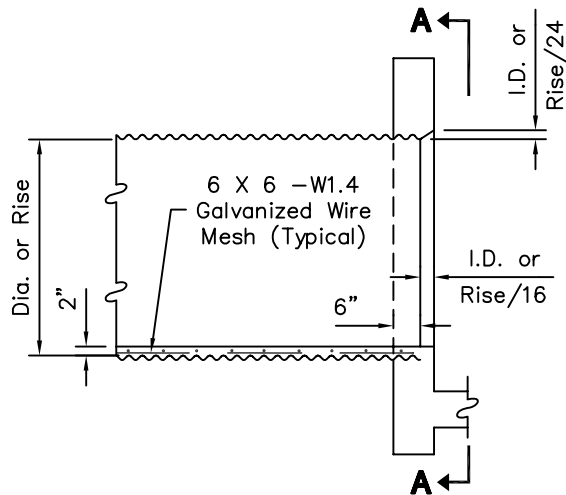
DETAIL NO. **2535** **City of Scottsdale**
Standard Details APPROVED BY: _____

CATCH BASIN GRATES

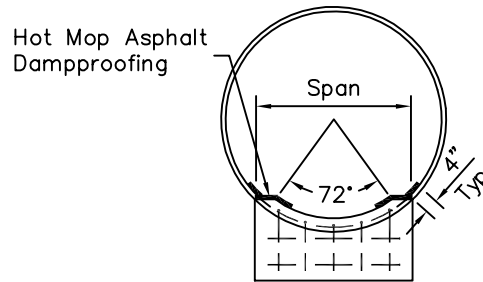
DETAIL NO. **2535**



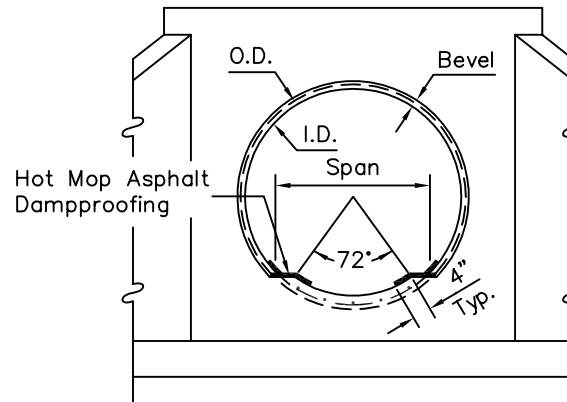
NO HEADWALL



WITH HEADWALL



ELEVATION B-B



ELEVATION A-A

GENERAL NOTES

1. For lateral dimensions of invert paving, use 72° control for CMP and span for CMPA.
2. Paving shall be scored at 18" min. (transverse) along pipe length.
3. Use bevel on inlet headwall only.
4. Wire mesh shall be tack welded to corrugation crests at 18" intervals. Laps shall be 6" min.
5. Paving shall not be placed until backfilling is completed.
6. Concrete shall be Class "B".

DETAIL NO.
2554

City of Scottsdale
Standard Details

APPROVED BY:

CONCRETE INVERT PAVING FOR
CORRUGATED METAL PIPE AND PIPE ARCH

DETAIL NO.
2554

REVISED: 3/28/02

SIZE OF OUTFALL CONDUIT	FRAME ANGLES	SHEAR PIN CLIP ANGLES	SHEAR PINS	HINGE PINS	HINGE ANGLES	HINGE STD. PIPE	* NO. OF EQUAL BARRIER BAR SPACES (HORIZ.)	NO. OF EQUAL BARRIER BAR SPACES (VERT.)	H (OUT TO OUT FRAME ANGLES)	* W (OUT TO OUT FRAME ANGLES)	A	B
30"	2X2X1/4	4X4X1/4	1-1/8ø	1/2"ø	2X2X1/4	3/4"	3	5	34"	20"	SINGLE HINGE CENTERED	
36"	2X2X1/4	4X4X1/4	1-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	4	6	40"	26"	SINGLE HINGE CENTERED	
42"	2X2X1/4	4X4X1/4	2-1/8ø	1/2"ø	2X2X1/4	3/4"	5	6	42"	32"	0	0
48"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	5	7	47"	38"	3"	1"
54"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	6	8	54"	44"	5"	3"
60"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	7	9	60"	50"	9"	4"
66"	3X3X7/16	5X3X1/4	2-1/8ø	3/4"ø	2-1/2X 2-1/2X1/4	1"	8	10	66"	56"	11"	6"
72"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	9	11	73"	62"	15"	7"
78"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	10	11	79"	68"	17"	9"
84"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	11	13	86"	74"	21"	10"
90"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	12	13	92"	80"	23"	12"
96"	4X4X5/8	5X3X1/4	2-3/16ø	1"ø	3X3X3/8	1-1/4"	12	14	98"	86"	29"	12"

*NOTE: Adjust these values for skewed conduits. Provide 5" maximum opening at each side and between bars.

DETAIL NO. 2562-2	City of Scottsdale Standard Details	APPROVED BY: _____	BARRIER SPECIFICATIONS SCHEDULE	DETAIL NO. 2562-2
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